



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 17, 2016

Joanna Holcombe  
Sr. Regulatory Assurance Associate  
Lonza Inc.  
Advantis Technologies  
90 Boroline Road  
Allendale, NJ 07401

Subject: Notification per PRN 98-10 – Addition of Optional Text  
Product Name: Ultima Nix Total Control Algaecide  
EPA Registration Number: 74849-2  
Application Date: January 29, 2016  
Decision Number: 513773

Dear Ms. Holcombe,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Joseph Daniels at 703-347-8669 or via email at [daniels.joseph@epa.gov](mailto:daniels.joseph@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff". The signature is written in a cursive style with a large, stylized initial "E".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs  
Date: February 17, 2016

Note to reviewer:  
{Items in braces {AAA} are for information purposes and will not appear on final label}  
[Items in brackets [AAA] are optional and may/may not be included on final label]

# ULTIMA NIX<sup>®</sup> TOTAL CONTROL ALGAECIDE

Active Ingredient:  
Alkyl (50%C<sub>14</sub>, 40%C<sub>12</sub>, 10%C<sub>16</sub>) dimethyl benzyl ammonium chloride.....40.0%  
Other Ingredients:.....60.0%  
Total:.....100.0%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER [PELIGRO]

{Note to reviewer: Although this product has a “Danger” signal word, as per the EPA label review manual “The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, “See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)” appears on the front panel.” If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will only refer to the Precautionary Statements:}

See [side] [back] [right] [left] panel for [first aid and] precautionary statements.

[Sold by:] [Packaged for:] [Manufactured for:]  
Advantis Technologies, an Arch Chemicals, Inc. business  
1400 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

EPA Reg. No. 74849-2  
EPA Est. No. (as indicated on the container)  
Net Contents: \_\_\_\_\_

### NOTIFICATION

74849-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/17/2016

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. Corrosive.** Causes irreversible eye damage and skin burns. May be fatal if inhaled. Avoid breathing vapor or spray mist. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### **FIRST AID**

**IF IN EYES:** Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**IN CASE OF EMERGENCY CALL: 1-800-654-6911**

### **PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Do not mix with oxidizers, soap or anionic detergents or other water treating chemicals.

{Sentence below for 50 lb. containers or less.}

### **ENVIRONMENTAL HAZARDS:**

This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

### **In Case of Spill:**

Absorb with sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material has been picked up. Large spills should be contained; the material placed into containers and disposed of by approved methods for hazardous waste.

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}*

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)*

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**SHAKE WELL BEFORE USING.**

[For crystal clear pool water, follow our 4 step pool care program: Step 1: Test and balance pool water, Step 2: Sanitize, Step 3: Shock at least once a week, and Step 4: Add algaecide as directed.]

### **APPLICATION FOR SWIMMING POOLS**

This product is compatible with all EPA registered sanitizers including chlorine, bromine, biguanide, salt water, ozone, and mineral sanitized pools. When using other EPA registered products, always follow the directions for use. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use, all affect the rate of chlorine loss. Always maintain chlorine levels between 1-3 parts per million (ppm). Ensure all pool equipment is working properly. Clean or backwash the filter following the manufacturer's direction.

### **INITIAL APPLICATION:**

- 1) If visible algae is present, add 25 fluid ounces per 25,000 gallons [10 fl. oz. per 10,000 gallons] of water.
- 2) For clean pools, add 16 fluid ounces per 25,000 gallons [6.4 fl. oz. per 10,000 gallons] of water.
- 3) Pour directly into the water by distributing product along the edge of the pool.
- 4) Operate the pump continuously for 24 hours to allow product to distribute evenly throughout the pool and to allow the filter to recover any phosphate removed from the water.
- 5) After 24 hours, if necessary, brush dead algae off pool surfaces. If algae is still present, repeat step 1.

### **MAINTENANCE:**

To prevent algae growth, add this product weekly or after heavy rain at the rate of 4 fluid ounces per 25,000 gallons [1.6 fl. oz. per 10,000 gallons] of water by pouring directly into the water along the edge of the pool. Maintain the circulation by running the pump for at least 4 hours after application.

**NOTE:** Swimmers can re-enter the pool 15 minutes after application.

{Optional:}

#### **How to measure the gallon capacity of your pool:**

Measure Length (L), Width (W) and average Depth (D) in feet.

For square or rectangular pools:  $L \times W \times D \times 7.5 = \text{gallons}$

For circular or elliptical Pools:  $L \times W \times D \times 5.9 = \text{gallons}$

## WINTERIZING

Use of this product for winterizing will make opening in the spring easier by both eliminating any algae present at time of closing and by removing the nutrient phosphate that may be present.

Test the water and adjust to the proper levels. After pool is no longer in use, shock treat with a recommended shock treatment product according to its label directions. Allow the pump to circulate for several hours or overnight. Add algaecide directly to pool water while walking around the pool so that it is evenly distributed. Use at the rate of 32 fluid ounces per 15,000 gallons [21.3 fl. oz. per 10,000 gallons]. Allow to circulate for a few hours. Clean pool waterline, shut down filter, drain pump and winterize as per the manufacturer's instructions. Cover with a solid cover if possible. Pools without a solid cover may need a second treatment later in the non-swimming season.

## STORAGE AND DISPOSAL

*{Nonrefillable container - Household/Residential use – 5 gallons or less}*

[Keep this product in its tightly closed container away from persons and children unfamiliar with its use. Store in cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If not, discard in trash.]

*{Nonrefillable container-Commercial Use 5 gallons or more}*

Do not contaminate food or feed by storage or disposal.

**Pesticide Storage:** Keep this product in its tightly closed container away from persons and children unfamiliar with its use. Store in cool, dry, well-ventilated area. Keep away from heat or open flame.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Fill container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*{Optional – for use on residential use swimming pool and spa products.}*



[ or ]



[Ultima Nix® is a registered trademark of Arch Chemicals, Inc.]

{OPTIONAL MARKETING CLAIMS}

[Algae preventer and phosphate reducer in one!]

[Combination algaecide and phosphate remover]

[Concentrated formula]

[Controls algae and algal slime growth]

[Controls Algae and Algae Slime Growth in Swimming Pool water while effectively reducing the amount of phosphate present.]

[Controls algae growth]

[Controls Algae in Swimming Pools]

[Controls swimming pool algae]

[Customer Care: 1-800-455-4311]

[Dual action formula]

[Easy to use]

[Economical]

[Economical Algaecide]

[Eliminates and prevents algae]

[Eliminates and prevents algae while removing phosphates]

**[For Control of Algae and Algae Slime Growth in Swimming Pools ]**

[Keeps your pool algae free!]

[Low Foaming Formula]

[Multi-Action]

[Multi-action formula]

[No phosphate testing required]

[No pre-mixing]

[No pre-mixing required]

[Non-metallic formula]

[Non-metallic, non-staining formula]

[Non-staining formula]

[Phosphate reducer]

[Reduces phosphate in water]

[Reduces phosphates]

[Stops algae before it starts]

[This dual action product reduces phosphates and treats algae in swimming pool water. Phosphates are food for algae and without them present in the water, algae cannot grow. By using ULTIMA NIX®, algae will be stopped in its tracks.]

[Use weekly to prevent algae]

[Use weekly to prevent algae and reduce phosphates]

[Your pool will be algae free all season long!]

[Visit UltimaPoolSpa.com]

[[Step] 1 balance]

[[Step] 2 sanitize]

[[Step] 3 shock]

[[Step] 4 prevent algae]

{Graphic version of the above}

